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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	ZUIKP0109US
First Inventor	Hitoshi Satoh
Title	APPARATUS AND METHOD...
Express Mail Label No.	ER 054908010 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 24]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Sheets 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Reader Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: *Certificate of Express Mailing..*

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____ Art Unit: _____
For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number:	<input type="checkbox"/> OR <input checked="" type="checkbox"/> Correspondence address below		
Name	Mark D. Saralino		
Address	Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Avenue, Nineteenth Floor		
City	Cleveland	State	Ohio
Country	U.S.	Telephone	(216) 621-1113
Fax	(216) 621-6165		

Name (Print/Type)	Mark D. Saralino	Registration No. (Attorney/Agent)	34, 243
Signature			
Date	October 28, 2003		

This collection of information is required by 37 CFR 1.53(h). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PTO FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 385.00)

Complete if Known

Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Hitoshi Satch
Examiner Name	Not yet assigned
Art Unit	Not yet assigned
Attorney Docket No.	ZUIKP0109US

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	18-0988
Deposit Account Name	Renner, Otto, Boisselle & Sklar, LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	385
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)		385.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
	19	-20** =	0	X 9	= 0
	2	- 3** =	0	X 43	= 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		0.00

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1812 2,520	1812 2,520	1804 920*	1804 920*	Surcharge - late provisional filing fee or cover sheet	
1805 1,840*	1805 1,840*	1251 110	2251 55	Non-English specification	
		1252 420	2252 210	For filing a request for ex parte reexamination	
		1253 950	2253 475	Requesting publication of SIR prior to Examiner action	
		1254 1,480	2254 740	Requesting publication of SIR after Examiner action	
		1255 2,010	2255 1,005	Extension for reply within first month	
		1401 330	2401 165	Extension for reply within second month	
		1402 330	2402 165	Extension for reply within third month	
		1403 290	2403 145	Extension for reply within fourth month	
		1451 1,510	1451 1,510	Extension for reply within fifth month	
		1452 110	2452 55	Notice of Appeal	
		1453 1,330	2453 165	Filing a brief in support of an appeal	
		1501 1,330	2501 165	Request for oral hearing	
		1502 480	2502 240	Petition to institute a public use proceeding	
		1503 640	2503 320	Petition to revive - unavoidable	
		1460 130	1460 130	Petition to revive - unintentional	
		1807 50	1807 50	655 Utility issue fee (or reissue)	
		1806 180	1806 180	Design issue fee	
		8021 40	8021 40	Plant issue fee	
		1809 770	2809 320	Petitions to the Commissioner	
		1810 770	2810 130	Processing fee under 37 CFR 1.17(q)	
		1801 770	2801 180	Submission of Information Disclosure Stmt	
		1802 900	2802 8021	Recording each patent assignment per property (times number of properties)	
		1809 770	2809 40	Filing a submission after final rejection (37 CFR 1.129(a))	
		1810 770	2810 40	For each additional invention to be examined (37 CFR 1.129(b))	
		1801 770	2801 2801	Request for Continued Examination (RCE)	
		1802 900	2802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type)	Mark D. Saralino	Registration No. (Attorney/Agent)	34,243	Telephone (216) 621-1113
Signature	October 28, 2003			

(Complete if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Atty Docket No. ZUIKP0109US

APPARATUS AND METHOD FOR PRODUCING ARTICLE
by

Hitoshi Satoh

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that the attached patent application (along with any other paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on this date October 28, 2003, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number ER 054908010 US addressed to the: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mark D. Saralino

(Typed or Printed Name of Person Mailing Paper)



(Signature of Person Mailing Paper)